



Modified Non-Per Capita Conservation Program

www.azwater.gov/mnpccp

The Modified Non-per Capita Conservation Program is one of six regulatory programs under which large municipal water providers in Arizona's Active Management Areas are regulated. Currently, fifty-five out of one hundred three providers are participating in this program.

This report lists the large municipal providers participating in the current regulatory programs in each Active Management Area, and provides details about the Modified Non-Per Capita Conservation Program, including the best management practices selected for implementation during calendar year 2011.

Annual Progress Report

prepared by
Ruth Greenhouse,
AMA Planning and
Data Management

October 2011

Table of Contents	Page
1. Regulatory Programs for Municipal Water Providers in Active Management Areas....	3
Table I. Large Municipal Providers in Regulatory Programs by AMA	3
Description of Regulatory Programs	3
Large Water Providers in the Phoenix AMA.....	4
Large Water Providers in the Pinal AMA.....	5
Large Water Providers in the Prescott AMA.....	5
Large Water Providers in the Santa Cruz AMA.....	5
Large Water Providers in the Tucson AMA.....	5
2. About the Modified Non-per Capita Conservaton Program (MNPCCP).....	6
Requirements.....	6
History and Background.....	6
Table 2: Timeline.....	7
Advisory Committee.....	7
Resources.....	8
Evaluation.....	8
3. Best Management Practice (BMP) Selection.....	9
Summary of Results.....	9
Table 3: Analysis of Best Management Practices Selection for 2011.....	9
Table 4: List of Providers in the MNPCCP and their BMP Selection.....	12
4. List of BMPs	15



Water Planning Division
3550 N. Central Avenue
Phoenix, AZ 85012

1. Regulatory Programs for Municipal Water Providers in Active Management Areas

Large municipal water providers (city, town, private water company or irrigation district that serves more than 250 acre-feet of water per year) are regulated under one of six municipal regulatory programs in Active Management Areas (AMAs), as seen in the table below. Small municipal water providers (city, town, private water company or irrigation district that serves 250 acre-feet of water per year or less) are required to minimize water waste, maximize outdoor watering efficiency, encourage water reuse, and comply with any reasonable conservation requirements established for small providers by ADWR. Small providers represent a very small percentage of total municipal water use, but are greater in number. There are two hundred thirty-four small providers in the AMAs (twenty-one in Prescott AMA, fifty-five in the Phoenix AMA, thirty in the Pinal AMA, one hundred fourteen in the Tucson AMA, and fourteen in the Santa Cruz AMA.)

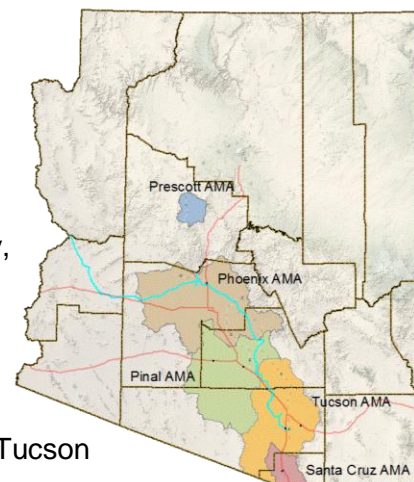


Table 1: Large Municipal Providers in Regulatory Programs by AMA

♣ - has a Designation of Assured Water Supply

	GPCD Gallons per Capita per Day	MNPCCP Modified Non- per Capita Conservation Program	NPCCP Non-per Capita Conservation Program	ACP Alternative Conservation Program	IPP Institutional Provider Program	LUP Large Untreated Provider	Total
Phoenix AMA	11 (9 ♣)	27 (1 ♣)	3 (3 ♣)	0	0	21	62 (13 ♣)
Pinal AMA	0	5 (2 ♣)	0	1 (1 ♣)	2	2	10 (3 ♣)
Prescott AMA	0	2 (1 ♣)	0	0	0	0	2 (1 ♣)
Santa Cruz AMA	1 (1 ♣)	3	0	0	0	0	4 (1 ♣)
Tucson AMA	6 (5 ♣)	18 (1 ♣)	0	0	1	0	25 (6 ♣)
	18 (15 ♣)	55 (5 ♣)	3 (3 ♣)	1 (1 ♣)	3 (0 ♣)	13 (0 ♣)	103 (24 ♣)

Description of Regulatory Programs

1. Gallons per-Capita per Day (GPCD) – base program established in the Groundwater Code and first implemented 1987 as part of the First Management Plan. Providers are assigned an annual total gallons per-capita per day allotment that is calculated using the component method (including single family, multi-family, non-residential and lost-and-unaccounted-for water).
2. Alternative Conservation Program (ACP) – first established in the Second Management Plan and was continued into the Third Management Plan. This program is a blend of the GPCD and the NPCCP.

3. Non-Per Capita Conservation Program (NPCCP) - established in 1992. This program requires implementation of "Reasonable Conservation Measures" from the Third Management Plan and a reduction in groundwater use. Providers must have a designation of assured water supply or be a member of a groundwater replenishment district.
4. Modified Non-Per Capita Conservation Program (MNPCCP) – established in 2008 and first implemented in January 2010. This program is mandatory for all large municipal water providers in AMAs that do not have a Designation of Assured Water Supply; it is optional for those that do. The MNPCCP requires providers to implement a basic public education program and choose one or more additional water conservation Best Management Practices (BMPs) from a list of 53. The number of BMPs that a provider must implement depends on the provider's size as determined by its total number of residential and non-residential connections: Tier 1: up to 5000 connections; Tier 2: 5000 – 30,000 connections; Tier 3: more than 30,000 connections.
5. Institutional Provider Program (IPP) – (for large institutional facilities such as prisons, military installations, schools and airports that use greater than 90% of their water deliveries for non-residential purposes). The IPP assigns a GPCD requirement for residential use and conservation measures for the specific institutional water uses in the provider's service area.
6. Large Untreated Provider Program (LUP) – (for a city, town, or irrigation district that delivers non-potable water for landscape irrigation to at least 500 people or at least 100 acre-feet of water). Providers must limit the amount of water delivered in a year. (*Note: A provider could be regulated under this program in addition to one of the others above.*)

Large Municipal Water Providers in the Phoenix AMA

Modified Non-per Capita Conservation Program

	Tier
1. Adaman Mutual Water Company	1
2. Arizona American Agua Fria	3
3. Arizona American Paradise Valley	1
4. Arizona American Sun City	2
5. Arizona American Sun City West	2
6. Arizona Water Company Apache Junction	2
7. Arizona Water Company Superior	1
8. Arizona Water Company White Tanks	1
9. Berneil Water	1
10. Buckeye, Town of	2
11. Carefree Water Company	1
12. Cave Creek, Town of	1
13. Chandler, City of ♦	3
14. Clearwater Utilities Company	1
15. Desert Hills Water Company	1
16. Diversified Water Utility	1
17. H2O Water Company	2
18. Litchfield Park Service Company	2
19. New River Utility Company	1
20. Pima Utilities	2
21. Queen Creek, Town of	2
22. Rio Verde Utilities	1
23. Rose Valley Water Company	1
24. Sunrise Water Company	1
25. Tolleson, City of	1
26. Valencia Water Company (Global)	2
27. Valley Utilities Water Company	1

Gallons Per Capita Per Day Program

	Tier
1. Apache Junction WFD ♦	1
2. Avondale, City of ♦	2
3. Chaparral City WC ♦	2
4. El Mirage, City of ♦	2
5. Glendale, City of ♦	3
6. Goodyear, City of ♦	2
7. Luke Air Force Base	1
8. Mesa, City of ♦	3
9. Peoria, City of ♦	3
10. Phoenix, City of ♦	3

Non Per Capita Conservation Program

1. Gilbert, Town of ♦	3
2. Scottsdale, City of ♦	3
3. Tempe, City of ♦	3

Large Untreated Provider Program

21 providers: (12 are irrigation districts; 2 are large municipal providers (Town of Queen Creek and Turner Ranches), and the rest are small municipal providers.)

♦ - has a Designation of Assured Water Supply

Large Municipal Water Providers in the Pinal AMA**Modified Non-per Capita Conservation Program**

	<i>Tier</i>
1. Arizona Water Company Pinal Valley	2
2. Florence, Town of ♦	1
3. Picacho Water Company	1
4. Santa Cruz Water Company (Global) ♦	2
5. Thunderbird Farms Improvement District	1

Alternate Conservation Program

1. Eloy, City of ♦	1
--------------------	---

Institutional Provider Program

1. Arizona State Prison, Florence
2. Francisco Grande Utility Company

Large Untreated Provider Program

1. Evergreen Irrigation District
2. San Carlos Irrigation District

Large Municipal Water Providers in the Santa Cruz AMA**Modified Non-per Capita Conservation Program**

	<i>Tier</i>
1. Arizona American Tubac	1
2. Rio Rico Utilities	2
3. Valle Verde Water Company	1

Gallons Per Capita Per Day

1. City of Nogales ♦	2
----------------------	---

Large Municipal Water Providers in the Prescott AMA**Modified Non-per Capita Conservation Program**

	<i>Tier</i>
1. Prescott, City of ♦	2
2. Prescott Valley, Town of	2

Large Municipal Water Providers in the Tucson AMA**Modified Non-per Capita Conservation Program**

	<i>Tier</i>
1. Arizona Water Company Oracle	1
2. Avra Water Co-op	1
3. Community W.C. of Green Valley	2
4. Davis Monthan AFB	1
5. Farmers Water Company	1
6. Green Valley DWID	1
7. Lago Del Oro Water Company	2
8. Los Cerros Water Company	1
9. Las Quintas Serenas Water	1
10. Marana DWID	1
11. Marana, Town of ♦	2
12. Metro DWID - Hub System	1
13. Quail Creek Water Company	1
14. Ray Water Company	1
15. Ridgeview Water Company	1
16. Saguaro Water Company	1
17. University of Arizona	1
18. Voyager Water Company	1

Gallons Per Capita Per Day

	<i>Tier</i>
1. Flowing Wells Water Company ♦	1
2. Metro DWID Main System ♦	2
3. Oro Valley, Town of ♦	2
4. Tucson, City of ♦	3
5. Vail Water Company ♦	1
6. Cortaro-Marana Irrigation District	

Institutional Provider Program

1. Arizona State Prison, Tucson

♦ - has a Designation of Assured Water Supply

2. About the MNPCCP

Requirements

The Modified Non-per Capita Conservation Program (MNPCCP) is mandatory for all large municipal water providers in AMAs that do not have a Designation of Assured Water Supply; it is optional for providers with a Designation of Assured Water Supply. The MNPCCP requires participating providers to implement best management practices (BMPs) that result in water use efficiency in their service areas. A water provider regulated under the program must implement a required basic public education program and choose one or more additional BMPs based on its size as defined by its combined total of residential and non-residential water service connections:

Tier 1 – up to 5,000 service area connections: one additional BMP

Tier 2 – 5,001 - 30,000 service area connections: five additional BMPs

Tier 3 – more than 30,000 service area connections: ten additional BMPs

The 53 BMPs (see Table 5) are divided into the following seven categories:

1. Public Awareness (3 BMPs)
2. Education and Training (5 BMPs)
3. Outreach Services (8 BMPs)
4. Physical System Evaluation and Improvements (3 BMPs)
5. Ordinances, Conditions of Service, Tariffs (13 BMPs)
6. Rebates/Incentives (13 BMPs)
7. Research/Innovation (8 BMPs)

Providers regulated under the MNPCCP are also required to submit a Conservation Efforts Report along with their Annual Water Withdrawal and Use Report, submit a current rate structure, and submit a new Provider Profile if their tier changes. <http://www.azwater.gov.mnpccp>.

History and Background

The MNPCCP came about as a result of the need to consider alternatives to the municipal regulatory program that would better meet the needs and capabilities of the regulated municipal water providers, as well as ADWR. Between 2006 and 2008, ADWR conducted an evaluation of the regulatory programs for large municipal water providers contained in the Third Management Plan. The initial phase of the evaluation included an informal information gathering effort to identify concerns and to request comments and suggestions from large municipal water providers in each of the Active Management Areas (AMAs), as well as from various staff members at ADWR. The public meeting portion of this stakeholder process began with all large municipal water providers within the state's five AMAs being invited to further participate in the process through a series of public meetings. [Municipal Conservation Program-Third Management Plan Review](#). The new program, named the Modified Non-per Capita Conservation Program, became effective in May 2008 and is described in the Second Modification to Chapter 5 of the Third Management Plan. [Third Management Plan-Second Modification](#). The first year of provider program implementation was 2010.

Table 2: MNPCCP Timeline

		Number of participants
2006 – 2008	MNPCCP stakeholder process.	
May 2008	MNPCCP went into in effect.	
June 2008	46 providers noticed or informed about the MNPCCP and that Provider Profiles for those required to enter the program were due July 1, 2009.	
July 2009	43 providers submitted Profiles by July 1, 2009 and were approved to begin January 2010.	43
December 2009	9 additional providers that do not have a Designation of Assured Water Supply were noticed that their Profiles were due by June 3, 2010.	0
January 2010	3 Profiles submitted and approved: Town of Florence (voluntary), University of Arizona, and Davis-Monthan AFB. (Luke AFB remains in the GPCD; had expressed interest in the IPP)	3
June 2010	Nine Profiles received from the providers noticed in December 2009 were approved .	9
Summer/ Fall 2010	<ul style="list-style-type: none"> ▪ 2 Arizona Water Company providers in the Pinal AMA (Casa Grande - Tier 2 and Coolidge - Tier 1) - consolidated into one system: Pinal Valley – Tier 2. ▪ City of Chandler switched from NPCCP to MNPCCP. 	(No net change)
March- Sep. 2011	55 Conservation Efforts reports were received for calendar year 2010.	Total 55

Municipal BMP Advisory Committee

A Municipal BMP Advisory Committee was established in 2009 to assist ADWR in the evaluation of the effectiveness of the program. The Advisory Committee was selected based on stakeholder recommendations to include a mix of policy staff and conservation practitioners and:

- at least one representative from each AMA and each tier
- several representatives from private water companies
- at least one representative each from a municipality that has a Designation of Assured Water Supply and one that does not
- a representative in the existing NPCCP
- a representative from the agricultural use sector
- a representative from the Arizona Corporation Commission.

Current members:

- | | |
|--|--|
| 1. Bruce Hallin, Salt River Project | 7. John Munderloh, Town of Prescott Valley |
| 2. Fernando Molina, Tucson Water Dept. | 8. Martin Garlant, Rio Rico Utilities, Inc. |
| 3. Graham Symmonds, Global Water Resources | 9. Ron Whittler, Town of Buckeye |
| 4. Gregg Capps, City of Chandler | 10. Steve Olea, Arizona Corporation Commission |
| 5. Jake Lenderking, Arizona American Water | 11. Steve Olson, Arizona Municipal Water Users Assn. |
| 6. Rob Anderson, Fennemore-Craig for Robson Communities (replaced Shilpa Hunter-Patel) | 12. Tom Harrell, Arizona Water Company |
| | 13. Warren Tenney, Metro Domestic Water Improvement District |

Prior to the ADWR reduction in force in May 2010, staff from each AMA participated in the administration of the MNPCCP. Currently, Pam Nagel is ADWR's Municipal Program lead, and Ruth Greenhouse continues to administer the MNPCCP.

The Advisory Committee met four times between October 2008 and March 2009 and has received updates via email correspondence since then. Members provided input on the guidance document, forms, educational workshops, materials, and other program components that are under ongoing evaluation. Future meetings will focus on developing a comprehensive plan to evaluate the results of the program, including BMP selection and implementation.

Resources

The following resource materials, documentation, and forms are posted on the ADWR website at www.azwater.gov/MNPCCP:

- Modifications to Chapter 5, Municipal Conservation Program, Third Management Plan
- MNPCCP At-A-Glance
- Substantive Policy Statement and Guidance Document
- Frequently Asked Questions
- Description of BMPs and Public Education Program
- List of BMPs
- MNPCCP Progress Reports

Forms

- Provider Profile (revised 2010)
- Conservation Efforts Report (revised 2010)

Background

- Public hearing and finding; Orders of Adoption
- Background and Rationale for Program Development
- Evaluation and Stakeholder Process

Planning Tools, Fact Sheets, Presentations

- Suggestions for Matching Service Area Characteristics with BMPs (matrix)
- BMPs Applicable to All
- January 20, 2009 Workshop: Implementing the Basic Public Education Program
- March 10, 2009 Workshop: System Audits, Metering, and Leak Detection
- Get Started with Water Conservation Education: Tips for Water Providers

The Arizona Corporation Commission (ACC) regulates private water companies in Arizona and sometimes requires a water company to implement BMPs from the MNPCCP list. (When doing so, the ACC may require more BMPs than would be required under the MNPCCP.) A set of templates created by the ACC for several BMPs can be found on their website at <http://www.azcc.gov/divisions/utilities/water/forms.asp>.

Evaluation

In the fall of 2010, ADWR staff participated in a presentation by University of Arizona Cooperative Extension staff about using the Logic Model to help develop an evaluation plan. As a result, a draft framework was prepared that integrates MNPCCP requirements, planning, implementation, evaluation and reporting. The proposed evaluation plan framework is to be reviewed and discussed by the advisory committee, whose role it is to assist ADWR in the evaluation of the effectiveness of the program. Modifications to the framework will be made as necessary, including whether or not to retain the services of an independent researcher or an evaluation consultant. Recommendations to consider for evaluation include the following:

- Include the results of the MNPCCP (providers in the program, BMP selection analysis, program improvements, etc.) in an annual MNPCCP status report published each year.
- Develop a plan for gathering and proposing clarifications and edits for the Fourth Management Plan.
- Assess the effectiveness of the MNPCCP in relationship to water use trends by tracking and comparing the GPCD of individual water providers and the average GPCD of each AMA before and after participation in the MNPCCP. This type of analysis could begin after

March 2013, since at least three years of GPCD data would need to be available to ascertain changes in water use trends as a result of participation in the program.

- Ascertain the effectiveness of individual BMPs (such as leak detection or meter repair) in relation to a provider's water use trends from providers' annual Conservation Efforts Reports and other self-reports.
- Ascertain the effectiveness of the list of BMPs based on recommendations for additions, deletions, or modifications to the list. Changes may be made as necessary and potentially incorporated into the Fourth Management Plan and/or its subsequent modifications.
- Assess the criteria above by gathering and analyzing GPCD data for individual providers (calculated on an annual basis and available approximately nine months after the March 31st Annual Report deadline.)

3. BMP Selection: 2011

Summary of Results

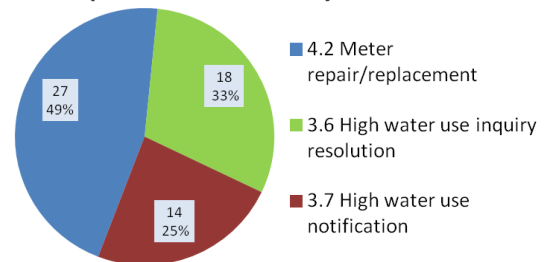
Table 3 below illustrates the following points about the BMPs selected for implementation during calendar year 2011, as reported in the 2010 Conservation Efforts Reports.

1. BMPs from Categories 3 (Outreach Services) and 4 (Physical System Improvements) were selected the most frequently.
2. BMPs from Category 5 (Ordinances, Conditions of Service, Tariffs) were selected the least frequently.
3. The three most popular BMPs selected by the 55 providers were:
 - 4.2 (Meter Repair and Replacement) - selected by 27 (49%).
 - 3.6 (High Water Use Inquiry Resolution) - selected by 18 (33%).
 - 3.7 (High Water Use Notification) - selected by 14 (25%).
4. 11 out of 53 BMPs were selected by the 36 Tier 1 providers:

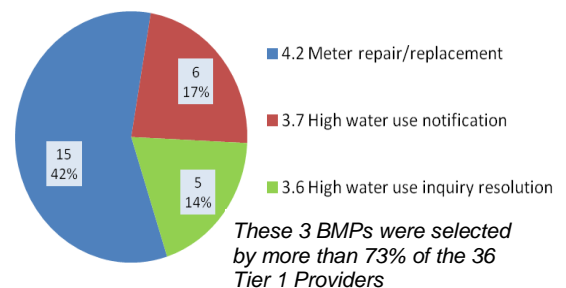
4.2 Meter repair/replacement	15
3.7 High water use notification	6
3.6 High water use inquiry resolution	5
2.3 New homeowner landscape information	3
1.1 Messaging program	2
2.4 Xeriscape demonstration garden	1
3.4 Residential interior retrofits	1
4.1 Leak detection program	1
7.3 Evaluate new approaches	1
6.7 & 6.8 combined –graywater/ rainwater harvesting incentives	1

36
Providers

Top 3 BMPs Selected by 55 Providers

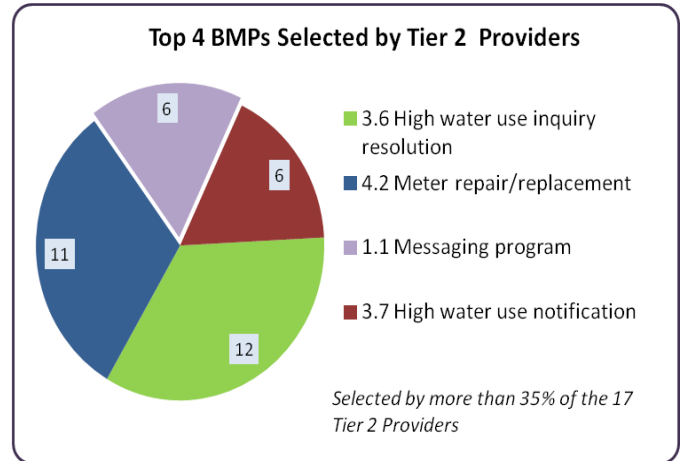


Top 3 BMPs Selected by Tier 1 Providers



5. The following 26 out of 53 BMPs were selected by the 17 Tier 2 providers (select 5 BMPs each):

3.6 High water use inquiry resolution	12
4.2 Meter repair/replacement	11
1.1 Messaging program	6
3.7 High water use notification	6
3.4 Residential interior retrofits	5
3.8 Water waste investigations	5
1.2 Events/programs/ presentations	4
2.2 Youth conservation education	4
3.1 Residential audit program	4
4.1 Leak detection program	4
2.1 Adult education and training	3
2.3 New homeowner landscape information	3
7.5 Implement smart irrigation	3
4.3 Water system audit	2
5.8 Landscape watering restrictions	2
2.4 Xeriscape demonstration garden	1
3.5 Interior retrofits (non-res.)	1
5.2 Water tampering/water waste	1
5.4 Limit water intensive landscaping	1
6.1 Toilet rebate	1
6.6 Water efficient appliances rebate	1
6.9 Landscape conversion rebate	1
6.11 Commercial/Industrial program	1
7.1 Pilot a new initiative or program	1
7.3 Evaluate new approaches	1
7.6 Develop industry partnerships	1
	85



**Table 3: Analysis of Best Management Practices (BMPs) Selection
as of September 30, 2011**

	<i>Of the 53 BMPs, the 30 below were selected by water providers to meet MNPCCP requirements:</i>	Tier 1 36 (65%) 1 BMP ea.	Tier 2 17 (31%) 5 BMPs ea.	Tier 3 2 (4%) 10 BMPs ea.	Total 55	<i>Of the 53 BMPs, the 23 below were not selected:</i>
CATEGORY 1 Public Awareness/ Public Relations	1.1 Messaging program	2	6	2	10	1.3 Market surveys
	1.2 Events/programs/ presentations	0	4	0	4	
	<i>Total selected</i>	2	10	2	14	
CATEGORY 2 Education & Training	2.1 Adult education and training	0	3	2	5	2.5 Distribution plan for materials
	2.2 Youth conservation education	0	4	2	6	
	2.3 New homeowner landscape information	3	3	0	6	
	2.4 Xeriscape demo. Garden	1	1	0	2	
	<i>Total selected</i>	4	11	4	19	

**Table 3: Analysis of Best Management Practices (BMPs) Selection
as of September 30, 2011**

	<i>Of the 53 BMPs, the 30 below were selected by water providers to meet MNPCCP requirements:</i>	Tier 1 36 (65%) 1 BMP ea.	Tier 2 17 (31%) 5 BMPs ea.	Tier 3 2 (4%) 10 BMPs ea.	Total 55	<i>Of the 53 BMPs, the 23 below were not selected:</i>
CATEGORY 3 Outreach Services	3.1 Residential audit program	0	4	2	6	3.3 Water budgeting program
	3.2 Landscape consultations	0	0	1	1	
	3.4 Residential interior retrofits	1	5	1	7	
	3.5 Interior retrofits (non-res.)	0	1	0	1	
	3.6 High water use inquiry resolution	5	12	1	18	
	3.7 High water use notification	6	6	2	14	
	3.8 Water waste investigations	0	5	0	5	
<i>Total selected</i>		12	33	7	52	
CATEGORY 4 Physical System Evaluation & Improvement	4.1 Leak detection program	1	4	1	6	
	4.2 Meter repair/replacement	15	11	1	27	
	4.3 Water system audit	0	2	1	3	
<i>Total selected</i>		16	17	3	36	
CATEGORY 5 Ordinances, Conditions of Service, Tariffs	5.2 Water tampering/water waste	0	1	0	1	5.1 Low water use landscaping 5.3 Plumbing code requirements 5.5 Model home landscapes 5.6 Gray water/water harvesting 5.7 Car wash water recycling 5.9 Hot water recirculation devices 5.10 Retrofit on resale 5.11 Landscape standards (non-res.) 5.12 Conservation tariff (PWC) 5.13 Water use plans
	5.4 Limit water intensive Landscaping	0	1	0	1	
	5.8 Landscape watering Restrictions	0	2	0	2	
<i>Total selected</i>		0	4	0	4	
CATEGORY 6 Rebates/ Incentives	6.1 Toilet rebate	0	1	0	1	6.2 High efficiency toilet rebate 6.3 Toilet replacement 6.4 Indoor water fixtures 6.5 Hot water systems 6.12 Large landscape conservation 6.13 Non-res. no/low interest loans
	6.6 Water efficient appliances Rebate	0	1	0	1	
	6.7 Graywater retrofit/rebate	.5	0	0	.5	
	6.8 Rainwater retrofit/rebate	.5	0	0	.5	
	6.9 Landscape conversion rebate	0	1	1	2	
	6.10 Xeriscape new landscapes	0	0	1	1	
	6.11 Commercial/Industrial Program	0	1	0	1	
<i>Total selected</i>		1	4	2	7	

**Table 3: Analysis of Best Management Practices (BMPs) Selection
as of September 30, 2011**

	<i>Of the 53 BMPs, the 30 below were selected by water providers to meet MNPCCP requirements:</i>	Tier 1 36 (65%) 1 BMP ea.	Tier 2 17 (31%) 5 BMPs ea.	Tier 3 2 (4%) 10 BMPs ea.	Total 55	<i>Of the 53 BMPs, the 23 below were not selected:</i>
CATEGORY 7 Research/ Innovation	7.1 Pilot a new initiative or Program	0	1	0	1	7.2 Conduct applied research 7.4 Analyze water savings 7.7 Support new technologies 7.8 Pilot new project/program
	7.3 Evaluate new approaches	1	1	0	2	
	7.6 Implement smart irrigation	0	3	1	4	
	7.6 Develop industry partnerships	0	1	1	2	
<i>Total selected</i>		1	6	2	9	
		36	85	20	141	
		36 X 1 BMP = 36 total	17 X 5 BMPs = 85 total	2 X 10 BMPs = 20 total		

Table 4: List of Providers in the MNPCCP and their BMP Selection

	<i>Provider (♦ - has a Designation of Assured Water Supply)</i>	<i>AMA</i>	<i>Tier</i>	<i>Date Profile Approved</i>	<i>Date Program Began</i>	<i>BMPs Selected for 2010 (Providers may be implementing more BMPs than those selected to meet MNPCCP requirements)</i>	<i>Changes in 2010 CER for 2011</i>
1.	Adaman Mutual Water Company	Phoenix AMA	1	9/18/09	1/1/10	4.2	
2.	Arizona American Agua Fria	Phoenix AMA	3	6/25/09	1/1/10	1.1 - 2.1 - 2.2 - 3.1 - 3.4 - 3.6 - 3.7 - 4.2 - 4.3 - 7.6	
3.	Arizona American Paradise Valley	Phoenix AMA	1	6/25/09	1/1/10	1.1	
4.	Arizona American Sun City	Phoenix AMA	2	6/25/09	1/1/10	1.1 - 2.1 - 3.1 - 3.4 - 4.2	
5.	Arizona American Sun City West	Phoenix AMA	2	6/25/09	1/1/10	1.1 - 2.1 - 3.1 - 3.4 - 4.2	
6.	Arizona American Tubac	Santa Cruz AMA	1	6/25/09	1/1/10	1.1	
7.	Arizona Water Company Apache Junction	Phoenix AMA	2	8/24/09	1/1/10	3.1 - 3.6 - 3.8 - 4.1 - 4.2	
8.	Arizona Water Company Casa Grande	Pinal AMA	2	8/24/09	1/1/10	3.1 - 3.6 - 3.8 - 4.1 - 4.2	Consolidated into Arizona Water Company Pinal Valley in October 2010
9.	Arizona Water Company Coolidge	Pinal AMA	4	8/24/09	1/1/10	4.2	
8.	Arizona Water Company Oracle	Tucson AMA	1	8/24/09	1/1/10	4.2	
9.	Arizona Water Company Pinal Valley	Pinal AMA	2	Need profile		3.1 - 3.6 - 3.8 - 4.1 - 4.2	Formed by consolidation of AWC Casa Grande and AWC Coolidge- October 2010

Table 4: List of Providers in the MNPCCP and their BMP Selection

	<i>Provider</i> (♦ - has a Designation of Assured Water Supply)	<i>AMA</i>	<i>Tier</i>	<i>Date Profile Approved</i>	<i>Date Program Began</i>	<i>BMPs Selected for 2010</i> (Providers may be implementing more BMPs than those selected to meet MNPCCP requirements)	<i>Changes in 2010 CER for 2011</i>
10.	Arizona Water Company Superior	Phoenix AMA	1	8/24/09	1/1/10	4.2	
11.	Arizona Water Company White Tanks	Phoenix AMA	1	8/24/09	1/1/10	4.2	
12.	Avra Water Co-op	Tucson AMA	1	8/12/09	1/1/10	3.7	
13.	Berneil Water Company	Phoenix AMA	1	6/25/09	1/1/10	3.7	
14.	Buckeye, Town of	Phoenix AMA	2	7/9/09	1/1/10	5.2 - 5.8 - 6.1 - 6.6 - 7.5	
15.	Carefree Water Company	Phoenix AMA	1	6/25/09	1/1/10	3.6	
16.	Cave Creek, Town of	Phoenix AMA	1	9/18/09	1/1/10	2.3	
17.	♦Chandler, City of	Phoenix AMA	3	10/22/10-opted in	10/22/10		1.1 – 2.1 – 2.2 – 3.1 – 3.2 – 3.7 – 4.1 – 6.9 –
18.	Clearwater Utilities Company	Phoenix AMA	1	5/24/10	5/24/10	3.7	
19.	Community Water Company of Green Valley	Tucson AMA	2	7/9/09	1/1/10	1.2 - 3.4 - 3.6 - 3.7 - 4.2	
20.	Davis Monthan AFB	Tucson AMA	1	1/8/10	1/8/10	4.1	
21.	Desert Hills Water Company	Phoenix AMA	1	9/18/09	1/1/10	2.4	Substituting 2.3
22.	Diversified Water Utility Company	Phoenix AMA	1	6/24/10	6/24/10	3.6	
23.	Farmers Water Company	Tucson AMA	1	7/9/09	1/1/10	4.2	
24.	♦Florence, Town of	Pinal AMA	1	(Opted in) 1/8/10	1/8/10	4.4	Substituting 3.6 (8/31/11)
25.	Green Valley DWID	Tucson AMA	1	8/24/09	1/1/10	4.2	
26.	H2O Water Company	Phoenix AMA	2	9/18/09	1/1/10	2.2 - 3.7 - 4.2 - 7.3 - 7.7	Substituting 3.5
27.	Lago Del Oro Water Company	Tucson AMA	2	8/24/09	1/1/10	3.6 - 3.7 - 4.1 - 4.2 - 4.3	Substituting 3.8 for 4.3 (9/13/11)
28.	Las Quintas Serenas Water Company	Tucson AMA	1	8/24/09	1/1/10	4.2	
29.	Litchfield Park Service Company	Phoenix AMA	2	8/24/09	1/1/10	1.2 - 2.3 - 3.7 - 3.8 - 6.11	Substituting 3.6 for 3.7
30.	Los Cerros Water Company	Tucson AMA	1	5/24/10	5/24/10	4.2	
31.	Marana Domestic	Tucson AMA	1	8/24/09	1/1/10	4.2	
32.	♦Marana, Town of	Tucson AMA	2	Opted in 8/24/09	1/1/10	2.3 - 3.4 - 3.6 - 3.7 - 7.6	

Table 4: List of Providers in the MNPCCP and their BMP Selection

	<i>Provider</i> (♦ - has a Designation of Assured Water Supply)	<i>AMA</i>	<i>Tier</i>	<i>Date Profile Approved</i>	<i>Date Program Began</i>	<i>BMPs Selected for 2010</i> (Providers may be implementing more BMPs than those selected to meet MNPCCP requirements)	<i>Changes in 2010 CER for 2011</i>
33.	Metro DWID - Hub System	Tucson AMA	1	1/8/10	1/8/10	6.7- 6.8 combined	
34.	New River Utility Company	Phoenix AMA	1	6/24/10	6/24/10	4.2	
35.	Picacho Water Company	Pinal AMA	1	8/24/09	1/1/10	3.7	
36.	Pima Utilities	Phoenix AMA	2	8/24/09	1/1/10	3.6 - 3.7 - 3.8 - 4.1 - 4.2	
37.	Prescott Valley, Town of	Prescott AMA	2	9/18/09	1/1/10	1.1 - 2.4 - 3.6 - 4.2 - 7.5	
38.	♦Prescott, City of	Prescott AMA	2	Opted in 9/18/09	1/1/10	1.1 - 2.2 - 3.4 - 5.8 - 6.9	
39.	Quail Creek Water Company	Tucson AMA	1	6/24/10	6/24/10	4.2	
40.	Queen Creek, Town of	Phoenix AMA	2	8/24/09	1/1/10	1.2 - 3.6 - 3.7 - 4.2 - 7.5	
41.	Ray Water Company	Tucson AMA	1	7/9/09	1/1/10	2.3	
42.	Ridgeview Water Company	Tucson AMA	1	6/24/10	6/24/10	4.2	
43.	Rio Rico Utilities	Santa Cruz AMA	2	9/18/09	1/1/10	1.2 - 2.3 - 2.5 - 3.6 - 4.2	Substituting 2.2 for 2.5
44.	Rio Verde Utilities	Phoenix AMA	1	9/18/09	1/1/10	2.3	
45.	Rose Valley Water Company	Phoenix AMA	1	7/9/09	1/1/10	3.7	
46.	Saguaro Water Company	Tucson AMA	1	6/24/10	6/24/10	3.7	
47.	♦Santa Cruz Water Company (Global)	Pinal AMA	2	Opted in 9/18/09	1/1/10	1.1 - 2.2 - 3.6 - 4.3 - 5.4	
48.	Sunrise Water Company	Phoenix AMA	1	6/25/09	1/1/10	3.6	
49.	Thunderbird Farms Improvement District	Pinal AMA	1	9/18/09	1/1/10	4.2	
50.	Tolleson, City of	Phoenix AMA	1	7/9/09	1/1/10	3.6	
51.	University of Arizona	Tucson AMA	1	1/8/10	1/8/10	7.3	
52.	Valencia Water Company (Global)	Phoenix AMA	2	6/24/10	6/24/10	1.1 - 2.2 - 3.6 - 4.3 - 7.1	
53.	Valle Verde Water Company	Santa Cruz AMA	1	9/18/09	1/1/10	4.2	
54.	Valley Utilities Water Company	Phoenix AMA	1	9/18/09	1/1/10	4.2	
55.	Voyager Water Company	Tucson AMA	1	8/24/09	1/1/10	3.4	

Table 5: List of Best Management Practices	
<i>For more information, see May 2008 Modifications to the Third Management Plan, Chapter 5.</i>	
Category 1: Public Awareness/Public Relations	
1.1	Local and/or regional messaging program
1.2	Special events/programs and community presentations
1.3	Market surveys to identify information needs/assess success of messages
Category 2: Conservation Education and Training	
2.1	Adult education and training programs
2.2	Youth conservation education program
2.3	New homeowner landscape information
2.4	Xeriscape demonstration garden
2.5	Distribution plan for water conservation materials
Category 3: Outreach Services	
3.1	Residential audit program
3.2	Landscape consultations (residential and/or non-residential)
3.3	Water budgeting program (non-residential)
3.4	Residential interior retrofit programs
3.5	Non-residential interior retrofit programs
3.6	Customer high water use inquiry resolution
3.7	Customer high water use notification
3.8	Water waste investigations and information
Category 4: Physical System Evaluation and Improvement	
4.1	Leak detection program
4.2	Meter repair and/or replacement program
4.3	Comprehensive water system audit program
Category 5: Ordinances / Conditions of Service / Tariffs	
5.1	Low water use landscaping requirements for residential, multi-family, non-residential and/or common areas
5.2	Water tampering/water waste ordinances
5.3	Plumbing code requirements if more restrictive than the 1990 Uniform Plumbing Code
5.4	Limitations on water features and/or water intensive landscaping and turf
5.5	Ordinance for model home landscapes in new residential developments
5.6	Required on-site gray water/water harvesting features at residences and/or businesses
5.7	Requirements for car wash water recycling
5.8	Landscape watering restrictions (time of day, etc.)
5.9	Requirements for hot water recirculation devices for residential, multi-family and or non- residential sectors
5.10	Retrofit on resale
5.11	Landscape water-use efficiency standards for non-residential users
5.12	Conservation tariff (private water companies)
5.13	Water use plan for new large non-residential users

Table 5: List of Best Management Practices*For more information, see May 2008 Modifications to the Third Management Plan, Chapter 5.*

Category 6: Rebates/Incentives	
6.1	Toilet rebate (residential and/or multifamily homes)
6.2	High efficiency flush toilet rebate (residential and/or multifamily homes)
6.3	Toilet replacement (residential and/or multifamily homes)
6.4	Indoor water fixture replacement/rebate/incentive (residential and/or multifamily homes)
6.5	Hot water recirculating system or instant hot water system rebate (residential, multifamily, or non-residential)
6.6	Water efficient appliances rebate/incentive
6.7	Gray water retrofit/rebate/incentive
6.8	Water harvesting retrofit/rebate/incentive
6.9	Landscape conversion rebate/incentive
6.10	Xeriscape installation rebate in new landscapes
6.11	Commercial and industrial program, e.g. audits, incentives, rebates, etc.
6.12	Large landscape conservation program (non-residential)
6.13	No/low interest loans for implementing water conservation measures (non-residential)
Category 7: Research/Innovation Program	
7.1	Implement an emerging technology
7.2	Initiate or support applied research to enhance decision making
7.3	Evaluate new and emerging technologies and practices
7.4	Conduct quantitative analysis of a conservation measure (for water savings results)
7.5	Implement smart irrigation technology
7.6	Develop industry partnerships to save water
7.7	Support the development of new technologies and products
7.8	Pilot a new initiative, project or program